In the claims:

Please cancel Claims 1-57 without prejudice or disclaimer.

Please add new Claims 58-77 as follows.

–58. (New) An isolated nucleic acid having at least 80% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(e) the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118);

(f) the full-length coding sequence of the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118); or

(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209670.

59. (New) The isolated nucleic acid of Claim 58 having at least 85% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(e) the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118);

(f) the full-length coding sequence of the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118); or

(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209670.

60. (New) The isolated nucleic acid of Claim 58 having at least 90% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(e) the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118);

(f) the full-length coding sequence of the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118); or

(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209670.

61. (New) The isolated nucleic acid of Claim 58 having at least 95% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(e) the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118);

(f) the full-length coding sequence of the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118); or

(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209670.

62. (New) The isolated nucleic acid of Claim 58 having at least 99% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(e) the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118);

(f) the full-length coding sequence of the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118); or

(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209670.

63. (New) An isolated nucleic acid comprising:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(e) the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118);

(f) the full-length coding sequence of the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118); or

(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209670.

64. (New) The isolated nucleic acid of Claim 63 comprising a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119).

65. (New) The isolated nucleic acid of Claim 63 comprising a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide.

66. (New) The isolated nucleic acid of Claim 63 comprising a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119).

67. (New) The isolated nucleic acid of Claim 63 comprising a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide.

68. (New) The isolated nucleic acid of Claim 63 comprising the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118).

69. (New) The isolated nucleic acid of Claim 63 comprising the full-length coding sequence of the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118).

70. (New) The isolated nucleic acid of Claim 63 comprising the full-length coding sequence of the cDNA deposited under ATCC accession number 209670.

71. (New) An isolated nucleic acid that hybridizes to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 45 (SEQ ID NO:119), lacking its associated signal peptide;

(e) the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118);

(f) the full-length coding sequence of the nucleic acid sequence shown in Figure 44 (SEQ ID NO:118); or

(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209670.

72. (New) The isolated nucleic acid of Claim 71, wherein said hybridization occurs under stringent conditions.

73. (New) The isolated nucleic acid of Claim 71 which is at least 10 nucleotides in length.

74. (New) A vector comprising the nucleic acid of Claim 58.

75. (New) The vector of Claim 74, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.

76. (New) A host cell comprising the vector of Claim 74.

77. (New) The host cell of Claim 76, wherein said cell is a CHO cell, an *E. coli* or a yeast cell.--

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Filed: Herewith

Applicants respectfully request entry of these new claims for prosecution in this application. The Examiner is invited to contact the undersigned at (650) 225-4563 if any issues may be resolved in that manner.

Respectfully submitted,

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PATENT TRADEMARK OFFICE